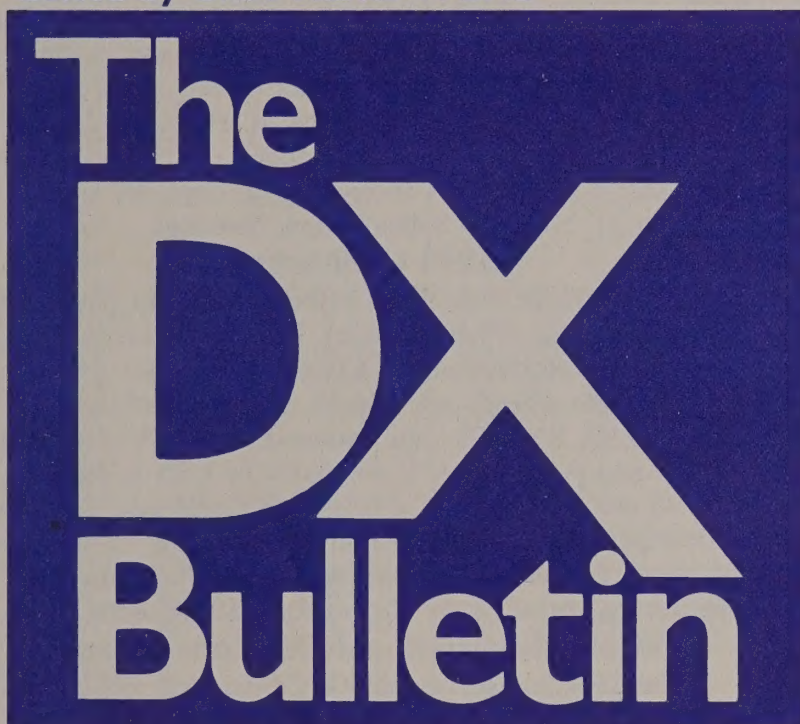


Pratas Island - BV9 Tony BV2TA told Japan DX News that the Pratas Island BV9P DXpedition may begin Dec. 15, and last 10 days. However, elections in Taiwan are keeping the army busy, and may force an additional delay. Tony says the hold-up has been the reluctance of the Taiwan authorities to permit foreigners on Pratas. That issue has been resolved, and OH2BH, OH1NYP, and 9V1YW will be joining the Taiwan operators. Sunrise 2240Z; sunset 0912Z. QSL route to be announced.

Bangladesh - S2 Carl SM6CPY will be going to Bangladesh Dec. 26-Jan. 11. His callsign is not yet known, but the next one in sequence is S21ZX. Carl will concentrate on 160, 80, and 30 meters. Sunrise 0040Z; sunset 1120Z. QSL route not mentioned, but probably via home callsign.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Maldives - 8Q Carlo Amorati I4ALU hits the DXpedition trail again Dec. 27-Jan. 6, as 8Q7BX. He'll be active on 80-10 meters, including the new bands, CW only, running a Kenwood TS-50 to a vertical. QSL via his home address: Via Battistelli 10, 40122 Bologna, Italy.

Iran - EP 9D2UU has been quite active, with the operator claiming to be an associate of Romeo 3W3RR. Stateside reports have been mostly near 14023 kHz, at 1300Z. QSL route said to be Jordan Radkov Yankov LZ2UU, Box 196, 7200 Razgrad, Bulgaria.

Shortly Noted

- **Nepal:** Jerry UT4UZ reports that he leaves for his Nepal DXpedition on Dec. 7. He had to change the dates from October when he father died. Expected length of stay in Nepal is two weeks.
- **1B1AB** and **1B1NCC** from the self-proclaimed Turkish Republic of Northern Cyprus have been sporadically active, mostly on 20-meter SSB nets. The DX Advisory Committee has received a petition for separate DXCC country status for the region. An analysis of the status of northern Cyprus is in the DX column of the November, 1992, issue of CQ magazine.
- **XT2BW** leaves Burkina Faso at the end of January; for skeds, contact QSL manager WB2YQH.
- **VR6ID** Irma Christian skeds Paul Minning N6IBP Mondays on 21290 kHz at 1600Z, with Tuesday as alternate. Visitors are welcome.
- **T5/N3HQW** is active on Wednesdays and Sundays, around 1300Z.
- **SV5TS** is often on 21252 kHz at 15-1600Z, looking for stateside contacts.
- **YL SP7IWA** likes 18140 khz at 18-2000Z.
- **VK6LK** often meets W2HCW on 3795± kHz at 2200Z+, on the long path.
- QSL route for **EL2PP** CW contacts is via the operator **I8NHJ**, not **I8NHL** as typoed last issue. QSL SSB contacts via **N2CYL**.
- **3A2CC**, who was very active in late October and asked for a QSL via the Monaco bureau, is a pirate, according to Dan Plett 3A2LZ. Dan says that callsign has not been issues, nor heard from Monaco.
- **9L1JI** is Jeff Innes, c/o American Embassy, Freetown, Washington DC 20521. He's active on 21227 16-1700Z.
- **J5UAI** leaves Guinea-Bissau this week. J5 will likely be difficult to work for a while. QSL J5UAI via NW8F.
- **JW5EBA** will be active from Svalbard January-July, by Lars LA5EBA. CW, SSB, and digital modes, all bands.
- **RTTY:** Spots: **UA0SMF** 14077 0145Z (Zone 18); **XT2BW** 14085 0750Z; **SU1AH** 7036 2230Z; **ZC4ML** 14080 1300Z; **TY1PS** 21086 1400Z; **VQ9FM** 14082 1025Z; **FK8GS** 14080 0645Z.
- **Islands On The Air:** **F6KIM** will be active from Aix Island (EU-032) Dec. 12-17, on all bands. (LNDX.) **CW0L** will be active from Lobos Island (SA-039) Dec. 10-12, thanks to 12 operators of the Uruguay XD-Group. They'll have four stations on SSB and CW, on all bands, including the new bands. QSL to CX2CS, P. O. Box 20063, Upae, Montevideo, Uruguay. Sergey Tbybizov **4K4/UA0KBZ** is active from Dickson Island (AS-005) for the next couple of years. He makes occasional trips to Franz Josef Land (EU-019) as **4K2KBZ**. QSL direct only to P. O. Box 2, Dickson Island 663241, Russia, with SAE and US\$1.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
December 1993	Date Flux A K	Date Flux A K
3 Below Normal	11/6 97 21/27 2	10/9 110 30/41 3
4 Low Normal	11/7 95 18/19 3	10/10 107 22/25 3
5 Low Normal	11/8 92 14/14 3	10/11 103 21/22 2
6 High Normal	11/9 90 08/09 1	10/12 98 14/15 2
7 High Normal	11/10 90 09/11 2	10/13 95 11/13 2
8 High Normal	11/11 89 04/06 1	10/14 91 06/08 1
9 High Normal	11/12 91 04/05 1	10/15 94 02/05 0
10 High Normal	11/13 94 07/08 2	10/16 91 03/04 1
11 High Normal	11/14 94 09/11 2	10/17 90 05/06 1
12 High Normal	11/15 102 08/09 2	10/18 87 06/07 1
13 High Normal	11/16 100 07/08 1	10/19 89 06/06 1
14 High Normal	11/17 100 05/06 3	10/20 94 03/05 1
15 Low Normal	11/18 103 16/18 4	10/21 95 05/07 0
16 Low Normal	11/19 101 20/19 3	10/22 92 12/11 3
17 High Normal	11/20 100 07/09 2	10/23 92 11/10 3
18 High Normal	11/21 97 04/05 1	10/24 92 06/09 1
19 High Normal	11/22 99 03/05 1	10/25 87 25/29 3

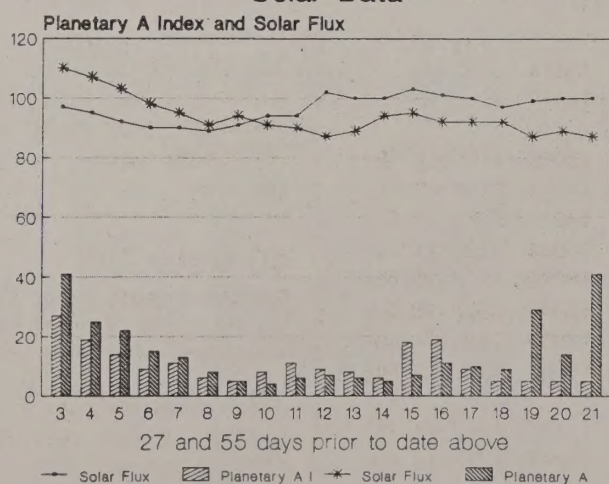
Propagation Watch

As predicted, conditions for the CQWW CW contest were pretty good, at least on 80-15 meters. The maximum useable frequency didn't rise high enough to provide much activity on 10 meters, except for a few north-south QSOs. However, stable geomagnetic conditions permitted many low-band contacts.

Look for more of the same over the next few weeks, punctuated by occasional increases in geomagnetic activity, mostly due to recurrent coronal holes. These structures last for several months, and permit some measure of confidence in prediction. Most active days should be Dec. 3-7, and again after the 15th. In between, look for some good-to-excellent low-band conditions.

Continued low solar flux values (near 95) and seasonal effects put downward pressure on maximum useable frequencies. 10 and 12 meters will be below average (except during the ARRL 10-meter contest Dec. 11-12), but 17 and 15 meters should be the good places to look for DX during daylight hours. In the evening, MUFs drop quickly after local sunset, forcing DXers to try 30 and 40 meters for the choicest DX. Long-path openings, especially on the lower bands, are well worth watching, especially when the K index has been at 2 or below for some time. Good hunting!

Solar Data



QSL Information

- The return SASE from XQ0X says "Just local stamps is sh*t. How do you help getting XQ0X on the air?!" Apparently IRCs or US\$1 would be more acceptable. However, he did include the requested QSL cards!
- ZD8M can be confirmed direct to Ascension Island via Box 73, or to G3UOF, whose *Callbook* address is not correct. Send cards to S. Frobisher Mews, Churchtown, Gloucester, GL3 1NQ, England.
- TA3ZH is Cornelius Booker KC6RZW; QSL to his stateside call.
- QSL 5K3W via Francisco Hennessey HK3SGP, P. O. Box 5028J, Bogota DC, Colombia.
- 5V1JB's direct address is Jay Brillhart, BP 8, Anie, Togo, Africa.
- QSL NH6MG/TG1 direct to David Stutz, Apartado 79, Huehuetenango, Guatemala. He like amateur radio magazines for use in his English classes.
- Shoji Miyake JA6EGL handles cards for his operations as KK6WW KK6WW/ZL3 KC6SM V63MK T26CW VK1CW.
- Göran Lundell SM0CMH says he handles his own cards for his regular operations from Kalymnos Island in the Dodecanese as SV5/SM0CMH, either direct or via the bureau, depending on postage received. However, he reports that some mail has been opened or diverted on the way to him; if you haven't received your card, try again: Älgövägen 11, S-133 36 Saltsjöbaden, Sweden.

1994 Callbooks

Duane Heise AA6EE is offering discount prices on the 1994 *Callbooks* (Flying Horse). Either edition (North American or International) is \$25.90, or both for \$49.90. 1994 *ARRL Handbooks* are \$23.90. Benchers paddles: BY-1/black \$59.90; BY-2/Chrome reduced to \$69.90. Postpaid in the USA and possessions. If shipment by UPS is desired (lower 48 states) add \$2. California residents add 7.5% sales tax. Foreign orders: add US\$4.50 per book for surface mail. Send check to Duane at 16832 Whirlwind, Ramona CA 92065. (Retail price of the *Callbooks* is \$29.95 each.)

Visalia International DX Convention

The 1994 International DX Convention will be held April 15-17 at the Holiday Inn-Plaza Park, in Visalia, California. Preregistration (prior to March 15, 1994) is \$45, and includes the Saturday evening banquet and Sunday morning brunch, as well as all the programs, cocktails parties, and more. Send your check made out to the International DX Convention to registrar Don Bostrom N6IC, 4447 Atoll Ave., Sherman Oaks CA 91423. Tentative program for Saturday evening is the 1994 Peter 1 Island DXpedition. Other noteworthy events include the Friday morning golf tournament, and the Friday evening cocktail party sponsored by The DX Bulletin. The Holiday Inn's telephone number is (209) 651-5000. If they're sold out, try the Radisson in downtown Visalia at (209) 636-1111 or the nearby Lamplighter Hotel at (209) 732-4511.

Wanted: Issues 1-9 of The DX Bulletin

Jim Cain K1TN seeks the first nine issues of The DX Bulletin, to complete his set. If you can spare same, contact Jim c/o ARRL Headquarters.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18

RTTY

CU1AC	21088	1603	21	FL
FR5DX	21082	1450	13	OH
HH2PK	21083	1450	13	OH
RT7U	21089	1341	25	FL
YO7CJF	21090	1315	25	FL
Z32JA	21092	1431	21	FL
ZS9A	21088	1500	13	OH

160 Meters

GIØKOW	1840	0208	16	NY
HR1IQC	1826	0314	18	AL
HR1IQC	1824	1141	20	AL
XE2EJ	1832	0257	16	NY

80 Meters

3B8CF	3505	0133	18	21
3DAØBK	3507	0300	22	MA
4X4WN	3501	0149	24	FL
5Z4FO	3507	0229	18	21
7Q7XX	3504	0316	21	MA
A35EA	3510	1214	20	AL
EA8EA	3503	0801	23	WV
FH/DL5XU	3501	0156	19	WV
FM5BH	3508	2226	16	NC
HR1LW	3505	1104	21	AL
HZ1AB	3507	1400	21	ID
JA1HQT	3502	1000	19	NH
JW5NM	3501	1110	18	NH
LU2BRG	3507	0542	19	NH
OX3XR	3502	1040	22	NH
PYØFM	3505	2204	22	MD
PZ1DY	3504	0107	16	NC
T93M	3510	2120	19	NH
T94ON	3513	0024	17	21
UAØKEA	3501	1247	20	AL
UB3JX	3500	2332	17	21
UC2LFT	3500	2230	16	NH
UI8BAA	3509	1238	17	AL
UJ8JA	3505	2325	18	NH
UWØLIE	3503	1200	20	NH
VK6HD	3500	1145	20	NH
VK6HD *	3506	2135	21	MA
VQ9QM	3514	0015	16	NH
VS6WV	3507	1030	20	NH
Z21HS	3501	0334	22	MA
Z31ET	3508	0143	18	NC
ZL7FD	3503	1151	24	FL
ZS6NW	3509	0312	21	MA

75 Meters

9V1XQ *	3789	2215	20	MA
FM5DN	3800	0900	20	MI
UZØLWC *	3791	2210	20	MA
VK6LK *	3798	2125	21	MA
YS1JRG	3800	0200	20	GA

40 Meters

3B8CF	7002	0200	19	GA
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4K2/ RAØBL	7013	0057	25	FL
4K2BY	7000	1158	18	MA
4K2BY	7006	2355	23	NH
4Z4DX	7003	0129	17	GA
5R8DG	7004	0004	23	FL
5T5JC	7005	2221	21	NH
6Q2A	7001	2352	21	FL
7X4AN	7011	2201	16	NH
8J1RL	7006	2248	24	FL
9K2MU	7000	2209	25	FL
9M2AX	7016	1453	18	ID
9M2FK	7007	1311	15	AL
A35EA	7003	1213	19	ID
EA6EJ	7003	0005	23	FL
ER4OWQ	7007	2120	21	NH
ES1WN *	7003	1351	18	MN
HH2PK	7010	0515	23	CA
HR2IQC	7038	0149	18	GA
HSØ/K1XM	7003	1148	26	FL
HT1T	7008	2333	23	FL
HZ1AB	7002	0205	19	GA
HZ1AB *	7009	1335	20	MN
PZ1DV	7005	0341	22	FL
TA2BD	7002	2034	15	NH
UAØQFC	7004	1243	17	AL
UD6DFT	7011	1422	20	ID
UD6DFT	7003	2350	19	GA
UN7PCZ	7027	0219	24	GA
V2/G6QQ	7009	1051	15	NH
V2/G6QQ	7006	2219	17	NH
VK6XA	7005	1418	20	ID
VQ9RM	7015	2049	15	NH
YN/	7010	0132	17	GA

SMØOIG

Z21HS	7025	0334	17	NY
Z21HS	7006	1540	20	ID
ZA1B	7004	0241	23	ID
ZD8VJ	7002	0050	18	GA

30 Meters

4K1F	10122	0021	19	MI
7Q7XX	10101	2244	22	FL
9D2UU	10104	1536	25	CA
EA8AB	10101	2356	22	FL
EA9AI	10105	2203	20	NH
FH/DL5XU	10105	2237	17	VA
FH5ED	10105	0329	23	GA
FK8GJ	10102	1432	19	ID
HH2PK	10110	0403	21	FL
HR1IQC	10103	1301	15	AL
JW5NM	10106	0029	23	GA
JW9XG	10112	1320	26	CA
JW9XG	10106	2230	24	FL
KH4/	10103	0215	21	CA
N7TNL				
OX3GX	10104	1310	26	CA
OX3MM	10109	2149	25	FL
S79MX	10103	0213	19	GA
UN6P	10101	1023	18	CA
UN7PCZ	10109	1215	24	FL
ZD8M	10102	2250	15	MN
ZL7FD	10101	0455	26	CA
ZL7FD	10100	1250	24	FL

20 Meter CW

3D2MQ	14002	0305	19	CA
4K2MAL	14011	1156	16	MA
4X4WN *	14009	1453	20	WA
4Z5BP *	14010	1527	17	WA
7Q7LA *	14005	1450	15	WA
9D2UU *	14026	1252	26	LA
9K2MU	14017	1749	21	FL
BV2A	14019	2350	17	21
EA6ZY *	14020	1554	16	WA
ET3YU	14010	2026	15	NB
FR5DD	14017	2155	17	MN
HH2PK	14035	0250	19	CA
HKØER	14025	2239	17	MO
HR1LW	14016	1244	19	AL
HZ1HZ	14020	2203	25	FL
I5CFY *	14009	1437	15	WA
JW9XG	14030	1818	24	FL
PZ1DV	14009	1429	21	FL
PZ1DY	14029	0300	19	CA
S21ZG *	14010	1529	18	WA
SV1JG	14011	1548	17	WA
TL8GR	14010	2004	24	FL
TU2XZ	14010	2204	25	FL
V2/G6QQ	14029	0250	19	CA
V2/G6QQ	14015	2144	21	NH
V73C	14029	0020	19	CA
XU7VK	14021	0045	15	MI
ZD8M	14026	2327	16	GA
ZS6ME *	14012	1530	17	WA
ZS6MG	14014	2008	16	NB

20 Meter SSB

4S7AVR *	14193	0055	18	CA
4S7EA *	14195	0125	17	CA
7X2LS	14207	152	21	WI
A41KJ	14203	1415	23	OH
A71BH	14226	1530	24	OH
C91AI	14202	2149	22	MD
S21ZG	14223	1339	23	MD
S79TD	14195	1409	23	OH
T32O	14193	0135	18	CA
TU2JL	14203	2355	19	GA
ZD8M	14025	2325	21	MI
ZS8MI *	14195	1558	16	CO

17 Meter CW

3V8AS	18070	1304	18	GA
4K4POL	18076	2256	23	ID
4U/	18070	1311	15	MI
SM1TDE				
CN8LR	18090	1409	22	NH
HKØER	18069	2344	23	FL
HR1LW	18071	2335	21	GA
HR2IQC	18084	2330	21	GA
KG4DX	18072	1623	20	ID
OY1R	18074	1307	18	GA
STØK	18069	1306	17	MA
TG1/	18084	1659	20	NH
NH6MG				
UC2AAA	18082	1453	21	FL
VQ9KC	18077	1717	18	VA

ZD8M	18076	1658	17	ID
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17 Meter SSB

HR1IQC	18122	1534	21	IL
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15 Meter CW

3D2MQ	21005	1941	20	CA
3DAØCA	21005	1943	26	FL
3V8AS	21021	1545	25	NJ
7Q7OO	21028	1242	26	FL
C91J	21026	1855	17	CO
CT3FT	21025	1526	21	AZ
HT1T	21018	1422	20	IL
J28DE	21038	1258	26	FL
KG4DX	21006	1541	20	NH
P29DK	21015	2243	24	FL
STØK	21002	1302	17	MA
SV5/	21020	1255	25	FL
SMØCMH				
UA2FEB	21025	1248	22	GA
YN/	21007	1328	24	FL
SMØOIG				
ZD8VJ	21014	2105	21	CA
ZS5ØIY	21025	1622	20	CO

15 Meter SSB

3XØDEX	21260	1742	15	MD
7X2DG	21228	1334	18	MA
C91AJ	21212	1530	20	MN
C94BE	21307	1741	25	NJ
CN2AQ	21299	1814	18	WI
EL2YL	21248	1836	13	MD
OD5ØCN	21287	1340	22	MA
OD5ØJY	21263	1403	17	MD
P29DJ	21354	2143	17	WI
SV2ASP/A	21259	1441	23	MD
V63UF	21286	0018	14	CA
Z21BA	21370	1845	15	WI
ZB2JO	21292	1730	15	MI

12 Meter CW

3B8CF	24902	1414	25	FL
7Q7XX	24896	1436	20	NH
9J2BO	24906	1445	26	FL
TL8NG	24900	1438	26	FL
YN/	24897	1345	25	FL
SMØOIG				

12 Meter SSB

EA8PP	24950	1445	15	MI
SV9ANH	24942	1438	15	MI
T5/N3HQW	24945		132117	
MA				

10 Meter CW

EA8ADJ	28012	1621	25	FL
LU8DZJ	28017	1801	19	21

10 Meter SSB

FH5CB	28424	1627	15	MI
FR5EL	28457	1421	18	OH

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
American Samoa	KH8	AA5K/	Dec. 2-23	I715
Bahamas	C6	C6AGN	Dec. 5-Feb 23	I715
Bangladesh	S2	S21ZX?	Dec. 26-Jan. 11	I716
Benin	TY	TY8OBO	Nov. 30-Dec. 8	I715
Bermuda	KI3V/VP9		Nov. 22-Dec. 2	I714
Botswana	A2	A25/OH7XM	to Dec. 5	I714
Cayman Islands	ZF	ZF2VE	Dec. 10-20	I714
Chatham Island	ZL7	ZL7FD?	Nov. 24-Dec. 4	I713
Christmas Island	VK9XO, VI9XN		Nov. 27-Dec. 15	I714
Dodecanese	SV5	SV5TS	21252 15-16Z	I716
Fernando de Noronha	PY0F		Nov. 20-Dec. 2	I714
Ghana	9G	9G1JI	Nov. 8+	I711
Iran	EP	9D2UU	now active?	I716
Isle of Man	GD	GD4UOL	Nov. 19-Dec. 5	I713
Maldives	8Q	8Q7BX	Dec. 27-Jan. 6	I716
Midway Island	KH4/	N7TNL	Oct. 21+	I708
Nepal	9N	UT4UZ+	Dec. 7-21?	I714/6
Netherland Antilles	PJ2/WJ2O		Nov. 23-Dec. 4	I712
Niue	ZK2	ZK2XJ	Dec. 24-30	I715
Northern Cyprus	1B1AB/NNC		now active	I716
Peter I Island	3Y		Feb. 1-17	I685
Pitcairn Island	VR6	VR6ID	21290 1600Z	Mon. I716
Pratas Island	BV	BV9P	Dec. 15 ?	I716
Rodriguez Island	3B	3B9FR	new bands	I711
St. Martin	FS/	W2QM	Dec. 1-8	I714
Somalia	T5/	N3HQW	Weds. and Suns.	I716
South Cook Islands	ZK1AJM		Dec. 31-Jan. 2	I715
Sri Lanka	4S7	OH2VZ	Nov. 15-Dec. 15	I711
Thailand	HS	HS0ZAR	Jan. 15-Feb. 15	I715
Tonga	A3	TBA	Dec.-Jan.	I712
Turks & Caicos	VP5/	/KN4UG	Dec. 3-10	I714
Western Samoa	5W	5W1AS	Jan. 2-5	I715
Zone 29	VK6LK		3795± 22Z	I716

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
80 Meters	JA1HQT	3503	1000Z
80 Meters	RA1ZA	3505	1100Z Sun.
80 Meters	HR1LW	3505	1100Z
80 Meters	FM5BH	3506±	2230Z
80 Meters	UB3JX	3501	2330Z+
80 Meters	4X4WN	3507±	0150Z
Albania	ZA1J	7004	00-0200Z
Algeria	7X4AN	7010±	2200Z
Antigua	V2/G6QQ	40M CW	22-0200Z
Ascension Island	ZD8M	10103/23Z	14026/2330Z
Belarus	UC2LFT	3501	2230Z+
Bosnia-Herzegovina	T94ON	3512	0025Z
Canary Islands	EA8AB	10101	2355Z
Central Africa	TL8NG	24903±	1445Z
Ethiopia	ET3YU	14020±	20-23Z Mon.



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Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Dec. 3-5	ARRL 160-Meter Contest	<u>QST</u>
Dec. 11-12	ARRL 10-Meter Contest	<u>QST</u>
Dec. 11-12	TARA RTTY Sprint	<u>RTTY Journal</u>
Jan. 8-9	ARRL RTTY Roundup	<u>QST</u>
Jan. 28-30	CQWW 160-Meter CW Contest	<u>CQ</u>
Feb. 12-13	EAWW RTTY	<u>RTTY Journal</u>
April 15-17	Visalia Internation DX Convention	<u>I716</u>

Contributors

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Faroes	OY1R	18080±	1300Z
Hong Kong	VS6WV	2505±	1030-12Z
Madagascar	5R8DG	7005±	0000Z
Madeira Islands	CT3FT	21025	1530Z
Marion Island	ZS8MI	14195	1600Z
Mauritius Island	3B8CF	7002±	0200Z
Mauritius Island	3B8CF	3503±	0130Z
New Caledonia	FK8GJ	10103	14Z Mon.
Nicaragua	HT1T	7005	2320Z
Seycelles	S79MX	10104	0200Z
South Shetlands	4K1F	30M	00-0300Z
South Africa	ZS6NW	3506±	0300Z
Sudan	ST0K	21005±	1300Z
Swaziland	3DA0BK	3504±	0300Z
Tunisia	3V8AS	18071	1300Z Mon.
Zimbabwe	Z21HS	7025	0330Z
Zimbabwe	Z21HS	3503±	0330Z
Zone 29	VK6HD	3505	2100Z